

2008 Engineering Conference Breakout Period 2.

10. Specification School

Track: Design

Presenters: Patti Charles, Barry Axelrod, George Lukes

Synopsis: Overview of 2008 Specifications. Review of differences between standard specifications, supplemental specifications, and special provisions (Department Specials, Materials Specials, Etc). Review of Specification writer's guide. Understanding the impact of special provisions on the table of contents.

Time Required: 50 Minutes

12. Construction Engineering Management (CEM) Session. (Replaces November Webinar)

Track: Construction

Presenters: Greg Searle, Mike Garcia (UDOT Construction)

Synopsis: To be certified with UDOT to manage and document UDOT and Local Government projects, construction personnel must be certified in CEM. This training replaces one of the mandatory webinars.

Time Required: 90 minutes

25. Wildlife Movement and Utah Roads

Track: Research/Hydraulics

Primary Presenters: Patricia Cramer

Backup Presenters (if any): John Bissonette

Synopsis: Utah DOT has sponsored a research project in conjunction with Utah State University to look at wildlife movement near roads. Dr. Cramer has placed dozens of cameras along US 6, I-70, and I-15, as well as other roads to examine wildlife use of areas along roads, their approaches to existing wildlife crossings, bridges and culverts, and their use of wildlife crossings as they are built. This talk will review the status of this three year project with respect to what we are learning about deer, elk, and other wildlife movements along, over, and under roads. The objective of this project is to better understand what types of crossings mule deer and elk will use, so we can better design cost-effective structures that the majority of the animals will use.

Time required: 50 minutes

31. Choosing the Right Traffic Analysis Tool for the Job

Track: ITS / Traffic Management / Safety

Presenters: Lynn Jacobs, Eric Rasband

Synopsis: There are many tools and software packages that are currently available for use in performing traffic analyses. The purpose of this session is to describe the characteristics of each tool. This description will include examples of situations where each tool is and is not applicable. This information will be helpful to those who are planning, scoping, managing and reviewing projects that involve traffic analysis.

Time Required: 50 minutes

48. ePM Scheduling

Track: Project Management

Presenter: Tony Lau, Steven Quinn, Elaine Fanning

Synopsis: This session will cover all of the scheduling tools available in ePM. Topics include setting up networks, schedule negotiation between Project Managers and Functional Managers, management unit and individual workloads, and a thorough review of the MPS and SPS scheduler. Also discussed will be how UDOT Senior Leaders, Program Managers, etc. are measuring performance based on scheduling information in ePM. This session is for anyone who is part of the project delivery process including Project Managers, Functional Managers, Designers, etc.

Time Required: 90 minutes

55. What do mayors and city staff expect from UDOT?

Track: Public Involvement

Presenters: Panel discussion with several mayors, planners, and local government representatives.

Moderated by Dave Smith (Partner, Penna Powers Brian Haynes).

Synopsis: City mayors, planners and other local government staff are playing a larger role in the transportation realm than ever before. Gaining their support is critical to the success of your study or project. This 90-minute session will feature a panel discussion from several mayors, planners and local government representatives. Also, in order to get representation from all four UDOT regions, the session will also include video interviews with key local government leadership from across the state. Attendees will learn how to gain their support, how they can be an asset to your project or study, best practices in communication and public involvement efforts with city leadership, and how to make your study or project as painless as possible with support from local governments.

Time Required: 90 Minutes

62. Travel Demand Management

Track: System Planning and Programming

Presenters: Angelo Papastamos (Transportation Planning Manager)

Leone Gibson (UDOT Transit Director)

Synopsis: In its broad sense, TDM is defined as providing travelers with effective choices to improve mobility. "Managing demand in the 21st Century is about providing travelers, regardless of whether they drive alone, with travel choices, such as work location, route travel time, and mode."

Time Required: 90 Minutes

74. Superpave Fundamentals

Track: (Materials).

Presenter: Pedro Romero - U of U

Synopsis: Provides a historical perspective on SuperPave and discusses the following topics: Aggregates, Gradation, SuperPave Gyratory Compactor (SGC), Design ESALS, Ndes, Nmax, Voids, VMA, VFA, Dust to Binder Ratio and Determination of Binder Content. Provides a perspective on mix performance testing as envisioned by the SuperPave method as well as recent developments.

Time Required: 90 minutes